AMENDMENTS TO THE SPECIFICATION

Please amend page 6, lines 8-17 as follows:

The temperatures from the step **20** are input into the Solve Energy Equations step **18** as are Cooling Air parameters ~~(step 21)~~ step 21 and Vis/Infrared Spectra of Material parameters ~~(step 22)~~ step 22. The step **18** calculates the radiation spectra to determine the energy incident upon the preform which information is input to a Compute Final Preform Temperature step **23**. To calculate the radiation spectra in step **18**, the power input to the lamps and their emission spectra is used for calculating the temperature of the lamps.